

Serial No.: 10/534,424

IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently amended) A drug agent to repress transcription of a gene expressed specifically in hepatoma cells, comprising a protein or a peptide of (1) to (4) as an effective component:(1) a protein or a peptide having an amino acid sequence of SEQ ID NO: 1
(2) a protein or a peptide having an amino acid sequence comprising a deletion, substitution or addition of one or several amino acids with respect to the amino acid sequence of SEQ ID NO: 1 and having a transcriptional repressor activity
(3) a protein or a peptide comprising the functional domain of an amino acid sequence of SEQ ID NO: 1
(4) a protein or a peptide comprising an amino acid sequence comprising a deletion, substitution or addition of one or several amino acids with respect to the functional domain of an amino acid sequence of SEQ ID NO: 1, and having a transcriptional repressor activity.
2. (Currently amended) A[[The]] drug agent to repress transcription of a gene expressed specifically in hepatoma cells, comprising of claim 1, wherein said functional domain consists of amino acids 303-502 of SEQ ID NO: 1 as an effective component.
- 3.-5. (Canceled)
6. (Currently Amended) The drug agent therapeutic product for hepatoma of claim 1 or claim 2[[4]], wherein the gene is asaid genes are type II hexokinase or a pyruvate kinase M gene.
7. (Withdrawn) A screening agent to screen drug agents with transcriptional repressor activity, comprising an antibody specific to a protein or a peptide of (1) to (4) as an effective component:

Serial No.: 10/534,424

- (1) a protein or a peptide having an amino acid sequence of SEQ ID NO: 1
 - (2) a protein or a peptide having an amino acid sequence comprising a deletion, substitution or addition of one or several amino acids with respect to the amino acid sequence of SEQ ID NO: 1, and having a transcriptional repressor activity
 - (3) a protein or a peptide comprising the functional domain of the amino acid sequence of SEQ ID NO: 1
 - (4) a protein or a peptide comprising an amino acid sequence comprising a deletion, substitution or addition of one or several amino acids with respect to the functional domain of the amino acid sequence of SEQ ID NO: 1 , and having a transcriptional repressor activity.
8. (Withdrawn) The screening agent of claim 7, wherein said functional domain consists of amino acids 303-502 of SEQ ID NO: 1.
- 9.-11. (Canceled)
12. (Withdrawn) An antibody specific to a protein or a peptide of (3) or (4):
- (3) a protein or a peptide comprising the functional domain of the amino acid sequence of SEQ ID NO: 1
 - (4) a protein or a peptide comprising an amino acid sequence comprising a deletion, substitution or addition of one or several amino acids with respect to the functional domain of the amino acid sequence of SEQ ID NO: 1 , and having a transcriptional repressor activity.